### Materials and Chemical Science and Technology (MCST) Directorate

Steve Gorin, MCST Strategic Partnerships

Marisa Howe, Science Programs

#### Research Advisors

Tony Burrell, Chief Technologist
Maria Curry-Nkansah, Translational R&D
Mark van Schilfgaarde, Chief Theorist

Lab Fellows Mowafak Al-Jassim Matt Beard David Ginley, Chief Scientist Bryan Pivovar Garry Rumbles

## MCST Lab Program Managers and PoCs

Fuel Cell & Hydrogen Technologies (FCTO) Keith Wipke, Program Manager

Solar Energy Technologies Office (SETO) Mary Werner, Program Manager

Advanced Research Projects Agency—Energy (ARPA-E) Kirstin Alberi, PoC

Basic Energy Sciences, (BES) SC Bill Tumas, PoC

# Materials and Chemical Science and Technology (MCST)

William Tumas

Associate Laboratory Director

## MCST Research Operations

Pete Sheldon, Center Director

**Engineering and Informatics Brent Nelson**, Group Manager

Research Operations Managers Troy McCuskey, OTF / S&TF Deb Crider, SERF

#### Materials Science Nancy Haegel, Center Director

Interfacial & Surface Science
Glenn Teeter, Group Manager

### Materials Physics Jeff Blackburn, Group Manager

Microscopy & Imaging

Mowafak Al-Jassim, Group Manager

Reliability & Systems
Engineering
Teresa Barnes, Group Manager

Thin Film Material Science & Processing Lorelle Mansfield, Acting Group Manager

## Chemistry & Nanoscience Jao van de Lagemaat, Center Director

Cell & Module Performance

Dan Friedman, Acting Manager

Electrochemical Engineering & Materials Chemistry

Bryan Pivovar, Group Manager

High Efficiency Crystalline PV David Young, Acting Manager

Hybrid and Nanoscale Materials Chemistry Joey Luther, Acting Manager

Spectroscopy & Photoscience Andrew Ferguson, Group Manager

> Electrosynthesis & Fuel Storage Science & Eng. Huyen Dinh, Acting Manager

Interfacial Materials Chemistry Nathan Neale, Group Manager Wade Braunecker, Acting Group Manager

#### MCST-Led Centers

National Center for Photovoltaics

Wyatt Metzger, Lead

Center Next Generation Materials
Design (CNGMD) EFRC
William Tumas, Director

Center for Hybrid Organic-Inorganic Semiconductors for Energy (CHOISE) EFRC Matt Beard, Director

Durable Module Materials (DuraMAT)

Teresa Barnes, Director

Advanced Water Splitting Materials (HydroGEN) Huyen Dinh, Director

Hydrogen Materials Advanced Research Consortium (HyMARC)

Thomas Gennett, Co-Director

International Photovoltaic Quality Assurance Task Force (PVQAT)

Ingrid Repins, NREL Lead

International Center for Multiscale Characterization (ICMC) – CSM

Mowafak Al-Jassim, Director

#### MCST Support

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Christy Eschenfeldt Phillip Hatton Doug Heibert Doug Herrick Cameron Radtke James Wright

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